

**CD125 Antibody**  
**Rabbit mAb**  
**Catalog # AP93118**

## Specification

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### CD125 Antibody - Product Information

Application	<b>WB</b>
Primary Accession	<a href="#">O01344</a>
Clonality	<b>Monoclonal</b>
<b>Other Names</b>	
CD125; CDw125; HSIL5R3; IL5R; IL5RA;	
Isotype	<b>Rabbit IgG</b>
Host	<b>Rabbit</b>
Calculated MW	<b>47685 Da</b>

### CD125 Antibody - Additional Information

Purification	<b>Affinity-chromatography</b>
Immunogen	<b>A synthesized peptide derived from human CD125</b>
Description	<b>This is the receptor for interleukin-5. The alpha chain binds to IL5.</b>
Storage Condition and Buffer	<b>Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.</b>

### CD125 Antibody - Protein Information

**Name** IL5RA

**Synonyms** IL5R

#### Function

Cell surface receptor that plays an important role in the survival, differentiation, and chemotaxis of eosinophils (PubMed:[9378992](http://www.uniprot.org/citations/9378992)). Acts by forming a heterodimeric receptor with CSF2RB subunit and subsequently binding to interleukin-5 (PubMed:[1495999](http://www.uniprot.org/citations/1495999), PubMed:[22528658](http://www.uniprot.org/citations/22528658)). In unstimulated conditions, interacts constitutively with JAK2. Heterodimeric receptor activation leads to JAK2 stimulation and subsequent activation of the JAK-STAT pathway (PubMed:[9516124](http://www.uniprot.org/citations/9516124)).

#### Cellular Location

Membrane; Single-pass type I membrane protein.

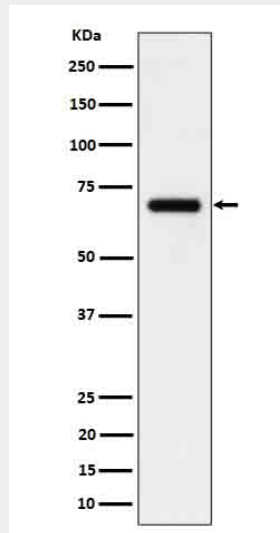
**Tissue Location**

Expressed on eosinophils and basophils.

**CD125 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**CD125 Antibody - Images**

Western blot analysis of CD125 in Human serum cell lysate.